

IN THE CLAIMS:

Please cancel Claims 1 to 4, 6 to 9, 16, 20 and 22 without prejudice or disclaimer of subject matter and amend the claims as shown below. The claims, as currently pending in the application, read as follows:

1. to 9. (Canceled)

10. (Currently Amended) A signal processing apparatus operated by a remote controller according to claim 8, further comprising:  
a designation unit arranged to designate reproduction procedure of an image signal recorded on a recording medium;  
a management data processing unit arranged to allocate to an operating key of said remote controller, a reproduction function that corresponds to said designated reproduction procedure, generate reproduction procedure management information which includes operating key information indicating the operating key to which said reproduction function is allocated, and reproduction procedure information indicating said designated reproduction procedure, and further generate registered image management data for identifying image data designated through said reproduction procedure;  
a recording unit arranged to record on said recording medium the reproduction procedure management information, wherein said recording unit writes onto said recording medium said registered image management data;  
a reproduction unit arranged to reproduce said image signal and said reproduction procedure management information stored on said recording medium;

a control unit arranged to control the reproduction operation of said reproduction unit based on said reproduction procedure management information that is reproduced by said reproduction unit;

a reception unit arranged to receive a television broadcast; and

a first output unit arranged to output, to a display device, an image signal associated with said television broadcast received by said reception unit and an image signal reproduced by said reproduction unit; and

a second [[an]] output unit arranged to output, to said display device, an image signal reproduced in accordance with said reproduction procedure,

wherein said reproduction unit includes a memory unit having a plurality of memory planes, and

wherein, based on said reproduction procedure designated in accordance with said reproduction procedure management information, said control unit determines the memory plane to which said image signal is to be written, and said control unit detects a display resolution and the number of display colors designated by said reproduction procedure, and compares the detected display resolution and number of display colors with the display resolution and the number of display colors of said display device to determine to which memory plane said image signal is to be written.

11. to 20. (Canceled)

21. (Previously Presented) A signal processing apparatus operated by a remote controller comprising:

a designation unit arranged to designate reproduction procedure of an image signal recorded on a recording medium;

a management data processing unit arranged to allocate to an operating key of said remote controller, a reproduction function that corresponds to said designated reproduction procedure, and generate reproduction procedure management information which includes operating key information indicating the operating key to which said reproduction function is allocated, and reproduction procedure information indicating said designated reproduction procedure;

a recording unit arranged to record on said recording medium the reproduction procedure management information;

a reproduction unit arranged to reproduce said image signal and said reproduction procedure management information stored on said recording medium;

a control unit arranged to control the reproduction operation of said reproduction unit based on said reproduction procedure management information that is reproduced by said reproduction unit;

a reception unit arranged to receive a television broadcast; and

an output unit arranged to output, to a display device, an image signal associated with said television broadcast received by said reception unit, an image signal reproduced by said reproduction unit, and an image signal reproduced in accordance with said reproduction procedure,

wherein said reproduction unit includes a memory unit having a plurality of memory planes, and

wherein said control unit determines the memory plane to which said image signal is to be written, based on said reproduction procedure designated in accordance with said reproduction procedure management information, and said control unit detects a display resolution and the number of display colors designated by said reproduction procedure, and compares the detected display resolution and number of display colors with the display resolution and the number of display colors of said display device to determine to which memory plane said image signal is to be written.

22. (Canceled)

23. (Previously Presented) A signal processing method performed by a remote controller comprising the steps of:

designating reproduction procedure of an image signal recorded on a recording medium;

allocating to an operating key of said remote controller, a reproduction function that corresponds to said designated reproduction procedure, and generating reproduction procedure management information which includes operating key information indicating the operating key to which said reproduction function is allocated, and reproduction procedure information indicating said designated reproduction procedure;

recording on said recording medium the reproduction procedure management information;

reproducing said image signal and said reproduction procedure management information stored on said recording medium;

controlling the reproduction operation in said reproducing step based on said reproduction procedure management information that is reproduced in said reproducing step;

receiving a television broadcast; and

outputting, to a display device, an image signal associated with said television broadcast received in said reception step, an image signal reproduced in said reproducing step, and an image signal reproduced in accordance with said reproduction procedure,

wherein said reproducing step uses a memory unit having a plurality of memory planes, and

wherein said control step includes determining the memory plane to which said image signal is to be written, based on said reproduction procedure designated in accordance with said reproduction procedure management information, and said control step further includes detecting a display resolution and the number of display colors designated by said reproduction procedure, and comparing the detected display resolution and number of display colors with the display resolution and the number of display colors of said display device to determine to which memory plane said image signal is to be written.